

# 1590 - Jarbidge Recreation Map

## Application Details

---

**Funding Opportunity:** 1001- Motorized & Diverse Projects - Recreational Trails Program 2022 Grants  
**Funding Opportunity Due Date:** Nov 2, 2021 12:00 AM  
**Program Area:** Recreational Trails Program  
**Status:** Under Review  
**Stage:** Final Application

**Initial Submit Date:** Nov 1, 2021 2:29 PM  
**Initially Submitted By:** Darcy Shepard  
**Last Submit Date:**  
**Last Submitted By:**

## Contact Information

---

### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Salutation Darcy A Shepard  
First Name Middle Name Last Name  
**Title:** Director of Finance and Human Resources  
**Email\*:** [darcy@nevadawilderness.org](mailto:darcy@nevadawilderness.org)  
**Address\*:** PO Box 9754  
  
Reno Nevada 89507  
City State/Province Postal Code/Zip  
**Phone\*:** 775-324-7667 Ext.  
Phone  
### ##-####

Fax: ### ### ####

Comments:

## Organization Information

**Status\*:** Approved  
**Name\*:** Friends of Nevada Wildemess  
**Organization Type\*:** Non-Profit Organization  
**Tax Id:** 8800211763  
**Organization Website:**  
**Address\*:** PO Box 9754

Reno Nevada 89507-  
City State/Province Postal Code/Zip

**Phone\*:** 775-324-7667 Ext.

### ### ####

**Fax:** ### ### ####

**Benefactor:**

**Vendor ID:**

**Comments:**

## RTP Pre-Application - MOTORIZED & DIVERSE

### *Project Description*

**Classification\*:** Organization  
Please choose one.

**Organization Classification:** Non-Profit  
Please choose one.

**Grant Manager/  
Primary Point-of-Contact  
(if grant is awarded)\*:** Jake Kastner  
First Name Last Name

**Title\*:** GIS/Cartography Coordinator

**Email Address\*:** [jake@nevadawilderness.org](mailto:jake@nevadawilderness.org)

**Telephone\*:** 585-703-1557

**Address\*:** PO Box 9754

Address Line 1

Address Line 2

Reno Nevada 89507-

City State Zip Code

**Land Owner\*:** U.S. Forest Service

**Classification of Land Control\*:** Public Land  
Select all that apply.

#### Project Costs

Please do not submit match not directly related to the project.

**Grant Request\*:** \$12,756.15

**Match Amount\*:** \$3,274.12  
(20% of total amount for diverse& education projects; 5% for moto)

**Total Project Amount:** \$16,030.27

**Match Sources\*:** In-Kind

#### Please Describe Source(s)\*:

Volunteers contribute in-kind match by surveying and photographing trails, and expert volunteers may field-check a draft to help edit the final product. Volunteers serve as emergency contacts for field staff. A cash match will provide for a DeLorme.

**Project Category(s)\*:** Diverse use (motorized and non-motorized)  
Select all that apply.

**Trail Use\*:** Equestrian, Interpretation/maps/brochures, Mountain Biking, OHV/Motorized, Pedestrian (hiking/trail), Snowshoe/cross country ski  
Select all that apply.

#### If Other, Please List:

**Project Type\*:** Other  
Select all that apply.

**If Other, Please List:** Recreation Map

#### Scope of Work

Describe exactly what work will be completed, include miles of trail or other measurable goals. Please be specific to the actual project being built.

#### Scope of Work\*:

Friends will produce and print a Jarbidge Wilderness recreation map to celebrate the 60th Anniversary of Jarbidge and the 1964 Wilderness Act. On-the-ground data collection, processing and design work will take place during 2022 and 2023 with the Forest Service providing consultation. All data collected will be shared with agency partners, and will promote recreation in conjunction with a GAOA funded Forest Service effort to improve road, and trail access and trailheads in the Jarbidge area.

**Project Location**

**Congressional District(s)\*:**

District 2  
Select all that apply.

**County\*:**

Elko

**Municipality/Town/City\*:**

Jarbridge, NV

**Environmental Compliance**

See page 10 of the RTP Handbook for more information.

Does not apply to Planning or Education projects with no ground disturbing activities.

Is a Federal agency involved in this project as an applicant, partner, or landowner?

**Federal Agency\*:**

Yes

If yes, environmental clearances have likely been completed for your project area.

Please indicate which NEPA document was produced.

Please attach the document to this application.

**NEPA Document Produced:**

Categorical Exclusion (CE)

**NEPA Document:**

[LOS\\_USFS\\_Nicholes.pdf](#)

**Historic Resource Compliance**

Please provide the following information:

Describe the extent of ground disturbance for this project. Specifically, describe the length, width, and depth of the most significant instances of excavation/digging.

**Ground Disturbance:**

Describe both current and past uses of the project area.

**Project Area Use:**

Describe any known cultural resources in the project area.

This may include historic buildings, archaeology sites, and any other objects estimated to be over 50 years old.

**Cultural Resources:**

**Maps**

Named Attachment	Required	Description	File Name	Type	Size	Upload Date
General location map (showing project area within the state and/or county)		This map indicates the general project location (Jarbidge Wilderness) in reference to the rest of the state.	<a href="#">RTP22_JarbidgeGenLoc.pdf</a>	pdf	6 MB	10/21/2021 11:56 AM
Topographic map with project boundary and map name (7.5 minute series quadrangle, 1:24,000 scale)		This map indicates the 2022 target trails previously surveyed trails within the Jarbidge Wilderness Boundary.	<a href="#">RTP22_JarbidgeRecMap_TOPO.pdf</a>	pdf	10 MB	10/21/2021 11:56 AM
Detail map indicating specific project elements (e.g., structures, trail alignment)		This map includes anticipated trail survey sites for 2022, as well as previously completed trail surveys, and trails which have been maintained by the Friends of Nevada Wilderness trail crew.	<a href="#">RTP22_JarbidgeRecMap.pdf</a>	pdf	5 MB	10/21/2021 11:56 AM

### Photos

Description	File Name	Type	Size	Upload Date
Oxbow Lake landscape photo in Jarbidge Wilderness	<a href="#">Jarbidge1_Idwyer.jpg</a>	jpg	4 MB	10/21/2021 11:56 AM
Trail crew clearing a trail in Jarbidge Wilderness	<a href="#">JarbidgeTrailCrew_kkuznicki.JPG</a>	JPG	13 MB	10/21/2021 11:56 AM
Wildflowers with Jarbidge Mountains in the background	<a href="#">JarbidgeMtns_jstimson.jpg</a>	jpg	1 MB	10/21/2021 11:56 AM

### Shape Files

Description	File Name	Type	Size	Upload Date
Zipped shapefiles indicating survey locations	<a href="#">RTP2022_JarbidgeShapefiles.zip</a>	zip	287 KB	10/21/2021 11:56 AM

### Authorization

**Authorized Individual\*:** Darcy Shepard 08/20/2021  
First Name Last Name Date

**Title\*:** Director of Finance and Human Resources

**Agency/Organization\*:** Friends of Nevada Wilderness

## RTP Application - MOTORIZED & DIVERSE PROJECTS/PLANNING PROJECTS

---

### Project Description

**Standards/Guidelines Applied to Project\*:** USFS Standard Specifications for Construction & Maintenance of Trails

#### If Other, Please List:

List all permits required to complete project.

#### Permits:

None required.

Does the project include a paved bicycle path?

**Bicycle Path\*:** No

#### Plan Title:

Has the applicant received funding from the Recreational Trails Program in the past?

**Past Funding\*:** Yes

**Number of Projects Funded:** 17

**Amount of Funding Received:** \$1,126,495.79

**Number of Projects Completed:** 14

## Project Narrative

### Project Need

Describe how this project fits with current community development plans.

#### Current Plans\*:

The Jarbidge Recreation Map will provide visitors with up-to-date trail information and help provide them information to have a safe and successful trip while also celebrating the 60th anniversary of the Wilderness Act, which designated Jarbidge as Nevada's first wilderness with its 1964 passage.

The Forest Service is planning a wide-ranging update and improvement for recreation facilities and resources in and around Jarbidge to increase visitation. This map will also help bring recreation dollars in Elko and strengthen the relationship between locals and travelers from other areas. It is clear from the city of Elko's website ([exploreelko.com](http://exploreelko.com)) that outdoor recreation is an important facet of the community. With abundant opportunity for access to Nevada's untamed wilderness, Elko has a unique opportunity to cater to adventure seekers from all over. The Jarbidge Wilderness offers some of the best hiking and hunting opportunities in the state and several local guide and outfitter services offer quality services for recreationists. Several small communities in Elko County rely heavily on tourism, and having a high-quality recreation map available in print and digitally that extols the many wonders Jarbidge holds will tie in with outdoor recreation initiatives aiming to boost local economies.

Describe the project's ability to enhance recreation options for an underserved area or population. ?Underserved? is defined as an area or population with inadequate services, facilities, and/or a lack of access to recreation opportunities.

#### Underserved Area or Population\*:

This project will directly benefit the under-served rural community of Jarbidge, Nevada by attracting outdoor recreation enthusiasts to the area. Trails in the Jarbidge Wilderness offer access to some of the most extraordinary recreational opportunities Nevada has to offer. This project can help Elko showcase the amazing beauty of their nearby public lands. Recreation in the Jarbidge Mountains will appeal to the diverse interests of the American public, luring a diverse community of recreationists from across the nation. These trail users are dependent on the host of services provided by under-served towns and businesses of rural Nevada, including shops, restaurants, motels and other businesses in the service industry - an industry hit particularly hard by the pandemic. The economic benefit to the residents of these rural towns could potentially lead to more time and resources to enjoy Jarbidge themselves.

An accurate, accessible map of the Jarbidge Wilderness would also provide another option for trail adventures in Nevada, easing some of the competition from the more impacted areas of the Forest, enhancing the outdoor experience for all Forest visitors.

### Project Quality

Describe project schedule(s) and contingency plans.

#### Schedule and Plans\*:

Once an agreement is reached we can begin working on the planning phase of the project. We will develop a survey plan and design preliminary maps prior to July 2022. Once snow has melted off the mountains and we are able to conduct fieldwork, we will focus on data collection. This will take approximately 14 days and we hope to have that completed in fall of 2022. Our goal will be to have a map available to the public by early 2023. However, we have allotted all of 2023 to give enough time to complete all project goals and to revisit any missed fieldwork from 2022 and allow our partners at the Forest Service extensive time for review and input. Additionally, weather in Jarbidge can be unpredictable and we may have to adjust accordingly. We have built in enough time to allow for contingency but also to have the map ready and available to the public in time for the 60th anniversary of Jarbidge's designation in 2024, tying into the greater overall national celebration of the Wilderness Act of 1964.

Describe the confirmed partnerships for this project.

#### Partnerships\*:

We will be partnering closely with the Humboldt Toiyabe National Forest by seeking guidance and approval of the map to make sure what we display is in line with management goals and abides by all

recommendations from the Forest Service. The Jarbidge Recreation Map will also tie in with the Forest Service's planned upgrades of recreation facilities in and around Jarbidge, drawing new and returning visitors to the area.

Friends of Nevada Wilderness also partners with government agencies including the Nevada Division of Outdoor Education and the media including local newspaper and television channels to inform the public about recreation opportunities in Nevada, and the appropriate behavior when visiting these precious areas. We will ensure our partners are aware of the Jarbidge Recreation Map and its potential for a boost to our outdoor recreation economy and Wilderness Act anniversary tie-in.

Once the map is printed, we will contact our merchandisers - which currently include Tahoe Mountain Sports, REI, public lands visitors centers, and more - to promote the map and secure space in retail locations when possible.

Describe the nature and extent of public engagement with this project and what is being done to mitigate any concerns conveyed by the public.

#### **Public Engagement\*:**

The Jarbidge Recreation Map will directly engage the public with their public lands by increasing available knowledge about the area that they are excited about, and providing an up-to-date digital and print resource to explore the area. As we began the evaluation process for which areas to map, we spoke with multiple supporters and Jarbidge was a frequent request due to the lack of high quality public maps currently available. It is important to us that the map is useful in all types of recreation - hiking, wildlife photography, hunting, and more - so that all wilderness users will benefit.

It's key when planning to attract new users to an area that they are given the information and tools to safely navigate and treat the resource with respect. The map will promote safe and respectful practices in the field including Leave No Trace and mitigate potential hazards with information on acceptable practices in Wilderness. The map will help keep people from getting lost or relying on infrastructure that is unmaintained or absent altogether, or relying on technology like cell phone GPS applications that can be spotty at best.

Describe the implementation of best practices in each phase of the project (e.g., planning, budgeting, construction, etc.).

#### **Project Phases\*:**

**Planning:** In planning this project we will study all available maps of the area. We will meet with Forest Service personnel and ensure we collectively have a clear vision of what the map will show. All field work will be conducted using the Friends of Nevada Wilderness safety protocols.

**Budgeting:** All budgeting concerns are addressed on a monthly or quarterly basis (depending on activity level) to monitor available funds and to ensure the project is funded through completion.

**Execution:** Safety protocols will always be followed while in the field. This includes maintaining and checking vehicle condition and checking in with an established emergency contact daily. Time will be maximized in-order to get the most out of inventory mapping efforts.

How does the project promote sustainability goals and principles (e.g., social, environmental, economic) in the design criteria?

#### **Sustainability\*:**

In working towards a more sustainable future it is important to consider our actions in the present. This map will give recreationists a tool for planning backcountry trips so that they can minimize impact on the ecosystem and stick to recommended routes and access to public land. By including safety and Leave No Trace information on the map, we are providing invaluable resources to both public lands users and managers as well as to the local economies surrounding Jarbidge and along the major thoroughfares out to Elko County. By assisting rural Nevada counties in diversifying their economies to include outdoor recreation, small towns can rely on a growing revenue streams outside the boom and bust cycles of mining.

The protection of areas like Jarbidge Wilderness is vital in preparing for an uncertain climate future, and was included in the 1964 Wilderness Act for that very reason. Jarbidge and other mountain ranges act as climate refugia and offer an opportunity for migration (assisted or unassisted) into higher elevations that may be necessary for vulnerable species. Our map will help set a baseline expectation for what is on-the-ground in 2022 and should be preserved moving forward. Managers will be able to use our map to plan and execute their ideas for maintaining recreation infrastructure in a sustainable fashion that is compatible with wildlife, water, and resource preservation.



How will the project contribute to the maintenance and/or rehabilitation of existing outdoor infrastructure?

**Existing Outdoor Infrastructure\*:**

Nevada is blossoming into an outdoor mecca, with both residents and tourists flocking to public lands, particularly during the pandemic when recreating indoors came with such a high risk. As the outdoor recreation economy has grown in Nevada, so has the need for additional resources and information. The newly-created Nevada Division of Outdoor Recreation's mission is "To promote Nevada's outstanding outdoor recreation opportunities and the conservation of its natural environment, grow Nevada's economy through outdoor recreation, and educate the public about responsible recreation and healthy and active lives enriched by the outdoors."

This mapping proposal for Nevada's premier Wilderness area fits in perfectly with this mission. Additionally, all of the data we collect in the field (pictures, waypoints, etc.) will be shared with the Forest Service to update on-the-ground conditions of infrastructure. Information on the conditions of route and trails is vital for maintaining safe recreational opportunities. In addition to recording infrastructure we will note any rare or noxious plants, wildlife sightings, or illegal trespass/land usage we encounter. These data can be used to inform management decisions for conservation of the Wilderness area's natural resources. It will also help the public recreate in a safe and responsible way, easing the hardship of search and rescue missions and agencies and local first responders.

How will safety be implemented in the design, maintenance, and management of the project?

**Safety\*:**

Friends of Nevada Wilderness has established a reputation of incredible safety standards for our field crews. For every trip into the field we require the creation of an emergency response plan (ERP). The ERP contains information on planned travel and camping locations, responsible parties, evacuation information, emergency contacts, and a check-in protocol. Each crew is supported by a primary and secondary Homebase Coordinator who receives check-ins and will activate a rescue plan if necessary. We also have a set standard for vehicles which includes a pre-trip check and fleet maintenance information. We have received extensive training on the care and use of vehicles in the backcountry. We also carry a Garmin InReach unit which will send and receive messages without the use of cell phone service.

Our published maps go through a rigorous process including fieldwork by staff and volunteers to ensure accuracy and safety. By providing accurate information about the terrain, the length, and the openness of trails in the Wilderness Areas we map, we are promoting a safer experience for recreationists and ideally reducing the search and rescue burden on our agency partners and first responders.

How does the project increase connectivity between trails, facilities, or other locations?

**Connectivity\*:**

The Forest Service is planning extensive work in and around the Jarbidge Wilderness in the coming year or so. They will be working on trailheads, access roads and other infrastructure needs in the area. As part of the broader national 60th anniversary celebration of the Wilderness Act that saw the designation of Jarbidge Wilderness, this project will directly address condition and location between trails and facilities and access roads. This mapping project is particularly timely because of all the proposed work to be done around the Jarbidge Wilderness. Collected data will be shared with Forest Service partners and together we will ensure the recreating public will be well serviced with the overall work done to enhance recreation, and that the most accurate and up-to-date information is being shared.

Once the map is available, we will coordinate a rollout with the Forest Service and other Wilderness groups to maximize Jarbidge and Nevada's connection to the national Wilderness Act.

How does the project engage youth?

**Youth Engagement\*:**

Production of the quality Jarbidge map available both on paper and digitally will help give the next generation of Wilderness explorers the opportunities to discover Nevada's first Wilderness using up-to-date maps for the safest experience. By providing both a paper and digital option, we are catering to the broadest potential base of users and promoting outdoor recreation for everyone. Having a current map will help their exploration be safer and more enjoyable.

Additionally, guiding visitor dollars to rural areas will help younger workers in the service industry see more stability and a potential income boost. This could also demonstrate a potential job avenue in public lands that young people in rural areas hadn't realized was possible.

How will the project contribute (or otherwise complement) the development, maintenance, and/or management of new outdoor recreation facilities?

### **New Outdoor Recreation Facilities\*:**

The Jarbidge map project will perfectly complement the upgraded facilities and the investment the Forest Service is making in and around the Jarbidge Wilderness over the next 2-3 years as the 60th anniversary of the Wilderness Act approaches. As a key partner, we will provide the Forest Service with data that will help to determine additional on-the-ground infrastructure needs, and provide the forest-going public with accurate information. A map is often the best way to inform the public about new and improved facilities while also providing guidance on Wilderness and appropriate public lands behavior - a great reminder for frequent users and an even more important set of lessons for new users.

How does the project contribute to the economic vitality of its community?

### **Economic Vitality\*:**

The ability of a rural community to attract visitors is often key to its economic success. Many local businesses need to cater to travelers in order to raise enough capital to keep their doors open. Outdoor recreation is instrumental in attracting people from all over and the Jarbidge Mountains are a spectacular example of exactly what they are looking to explore.

This project will fit into our larger, organization-wide goal of promoting the Jarbidge Mountains during their 60th Anniversary of Wilderness designation in 2024. Jarbidge Wilderness was the only wilderness established along with the passage of the original Wilderness Act in 1964. The map we will make will be an important marketing tool and we will use it to promote the Jarbidge Mountains and have a direct impact in attracting visitors to northeastern Nevada. Recreation dollars have become a huge boon for small communities with incredible outdoor opportunities nearby.

Rural Nevada is an economically challenged area. One of our organization's core goals is to encourage a diverse community of users to return season after season to have fun, explore, and create long lasting memories - and spend their dollars in local gas stations, restaurants, and motels.

Clearly articulating the beauty and benefits of the Jarbidge Mountains will also help businesses who are looking to relocate to rural Nevada that are seeking a place with a high quality of life - including the outdoor recreation opportunities that Nevada is becoming famous for.

How will the project contribute to the conservation and/or rehabilitation of water and habitat?

### **Water and Habitat\*:**

In the course of this project we will record water availability along trails that we survey. This will inform users of locations where they may safely access water in the backcountry. Additionally, knowledge about trail condition and location will often direct visitors on a planned route away from drainage bottoms and will minimize impact on the hydrological system of the area by keeping users on a planned, thoughtful route. We will work with the Forest Service to ensure that information is accurate, and that only publicly accessible, safe water sources are listed to ensure a good balance between habitat preservation and outdoor recreation.

## **Applicant History**

Summarize your organization's grant management record. If your organization is new to grants, please summarize the organization's project management record.

### **Grant Management Record\*:**

Friends of Nevada Wilderness has a long successful history of meeting or exceeding deliverables, bringing projects in on time and within budget constraints. The Friends of Nevada Mapping Program has been going strong since 2014 and has completed multiple recreation maps for sale in places like REI and the Spring Mountains Visitor Center, including the Toiyabe Crest Trail, the Ruby Crest Trail, the Desert National Wildlife Refuge, and the Spring Mountains National Recreation Area. We have consistently completed every one of our trail mapping projects on time and on budget. In addition to past Recreational Trails Program funding, Friends of Nevada Wilderness does projects for, and receives funding from, the Forest Service, the Bureau of Land Management, the Fish and Wildlife Service as well as other private and public entities including outdoor retailer Patagonia and international foundation Pew Charitable Trusts.

Describe your organization's capacity to maintain facilities for the next 25 years.

### **Maintain Program\*:**

Friends of Nevada Wilderness aims to be a longterm provider of recreation maps to the public lands-going public by reinvesting the funds from the sales of maps into updating and re-printing our recreation maps

to ensure the public has accurate, up-to-date information. We also provide our agency partners with updated shape files and GPS information, and consult with the appropriate agencies on updates to ensure that any closures or reroutes are included.

### **Authorization**

**Authorized Individual\*:** Darcy Shepard 11/01/2021  
First Name Last Name Date

**Agency/Organization\*:** Friends of Nevada Wilderness

**Title\*:** Director of Finance/HR

## Supporting Documentation

### **Supporting Documentation**

Named Attachment	Required	Description	File Name	Type	Size	Upload Date
General location map (showing project area within the state or county)						
Topographic map with project boundary and map name (7.5 minute series quadrangle, 1:24,000 scale)						
Detail map indicating specific project elements (e.g., structures, trail alignment)						
At least two (2) overviews of the project area from different angles and distances						
Photos of known cultural resources, if present						
Letter or statement certifying that the appropriate official has reviewed this project and approved of the property						
Documentation certifying that the appropriate official has reviewed this project and meets their approval						
USACE 404 and/or other applicable permits						
Erosion and sedimentation control plan for stream crossings or general construction activities						
Copy of any building permits that may be required by the local township or statement permit not needed						
Sewage disposal permit						
Transmittal letter						
Letter of Support						

### **Additional Documentation**

Description	File Name	Type	Size	Upload Date
Jarbidge Wilderness General Location	<a href="#">RTP22_JarbidgeGenLoc.pdf</a>	pdf	6 MB	11/01/2021 12:55 PM
Jarbidge Recreation map project detail map with topographic basemap.	<a href="#">RTP22_JarbidgeRecMap_TOPO.pdf</a>	pdf	10 MB	11/01/2021 12:58 PM
Jarbidge Recreation map project detail map.	<a href="#">RTP22_JarbidgeRecMap.pdf</a>	pdf	5 MB	11/01/2021 12:58 PM
Letter of support from US Forest Service	<a href="#">LOS_USFS_Nicholes.pdf</a>	pdf	590 KB	11/01/2021 12:59 PM
Jarbidge project shapefiles.	<a href="#">RTP2022_Jarbidge.zip</a>	zip	287 KB	11/01/2021 01:00 PM
FNW trail crewing working in Jarbidge Wilderness	<a href="#">JarbidgeTrailCrew_kkuznicki.JPG</a>	JPG	13 MB	11/01/2021 01:15 PM
Picture of the Jarbidge ridgeline	<a href="#">JarbidgeRidge.jpg</a>	jpg	916 KB	11/01/2021 01:16 PM
Jarbidge water feature picture.	<a href="#">jarbidge_jeff_gnass_copyright_image_23-2089-61-A6C.jpg</a>	jpg	751 KB	11/01/2021 01:21 PM

## Budget

### Percentages

#### Grant Request

Federal Grant Percentage: 79.58%

#### Match

Federal Match Percentage: 0.0%

Non-Federal Match Percentage: 20.42%

TOTAL MATCH PERCENTAGE: 20.42%

### Design and Engineering Costs

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
-------------	------------	-----------	-----------	-----------------	---------------	--------------------------	---------------	--------------------------	-------------------	------------------------------	--------------

No Data for Table

### Planning Costs for Match

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
-------------	------------	-----------	-----------	-----------------	---------------	--------------------------	---------------	--------------------------	-------------------	------------------------------	--------------

No Data for Table

### Direct Labor (Salaries or Actual)

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
Field Crew Lead (1x10 day hitch)	80.00	Hours	\$32.25	\$2,580.00	\$2,580.00	100.00	\$0.00	0.00	\$0.00	0.00	
GIS/Cartography	60.00	Hours	\$32.25	\$1,935.00	\$1,935.00	100.00	\$0.00	0.00	\$0.00	0.00	
Supervisor	16.00	Hours	\$41.25	\$660.00	\$660.00	100.00	\$0.00	0.00	\$0.00	0.00	
Grant Administrative Support	12.00	Hours	\$37.00	\$444.00	\$444.00	100.00	\$0.00	0.00	\$0.00	0.00	
				<b>\$5,619.00</b>	<b>\$5,619.00</b>		<b>\$0.00</b>		<b>\$0.00</b>		

**Labor (Volunteer or Donated)**

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
Emergency Support	10.00	Days	\$28.54	\$285.40	\$0.00	0.00	\$0.00	0.00	\$285.40	100.00	Volunteer In-kind
Volunteer Hours (1 volunteer per hitch)	60.00	Hours	\$28.54	\$1,712.40	\$0.00	0.00	\$0.00	0.00	\$1,712.40	100.00	Volunteer In-kind
Map Review	8.00	Hours	\$28.54	\$228.32	\$0.00	0.00	\$0.00	0.00	\$228.32	100.00	Volunteer In-kind
Volunteer Vehicle	800.00	Miles	\$0.56	\$448.00	\$0.00	0.00	\$0.00	0.00	\$448.00	100.00	Volunteer Mileage In-kind
			<b>\$86.18</b>	<b>\$2,674.12</b>	<b>\$0.00</b>		<b>\$0.00</b>		<b>\$2,674.12</b>		

**Equipment Purchase/Rent/Lease**

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
Truck Rental Fee	1.50	Week	\$850.00	\$1,275.00	\$1,275.00	100.00	\$0.00	0.00	\$0.00	0.00	
			<b>\$850.00</b>	<b>\$1,275.00</b>	<b>\$1,275.00</b>		<b>\$0.00</b>		<b>\$0.00</b>		

**Contracts**

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
-------------	------------	-----------	-----------	-----------------	---------------	--------------------------	---------------	--------------------------	-------------------	------------------------------	--------------

No Data for Table

**Materials**

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
Printed Maps	1.00	1000 Maps	\$4,100.00	\$4,100.00	\$4,100.00	100.00	\$0.00	0.00	\$0.00	0.00	
Barcodes	1.00	1 Barcode	\$50.00	\$50.00	\$50.00	100.00	\$0.00	0.00	\$0.00	0.00	
Newsletter Article Printing	1.00	1 Printing	\$150.00	\$150.00	\$0.00	0.00	\$0.00	0.00	\$150.00	100.00	Cash Match
DeLorme Safety Device	0.00	0	\$0.00	\$0.00	\$0.00	0.00	\$0.00	0.00	\$450.00	100.00	Cash Match
			<b>\$4,300.00</b>	<b>\$4,300.00</b>	<b>\$4,150.00</b>		<b>\$0.00</b>		<b>\$600.00</b>		

**Fuel, Vehicle Maintenance & Travel**

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
Rental Vehicle Fuel	130.00	Gallons / Gas	\$4.25	\$552.50	\$552.50	100.00	\$0.00	0.00	\$0.00	0.00	
			<b>\$4.25</b>	<b>\$552.50</b>	<b>\$552.50</b>		<b>\$0.00</b>		<b>\$0.00</b>		

**Other Expenses**

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
Indirect Costs	1.00	10% of budgeted expenses	\$0.10	\$0.10	\$1,159.65	100.00	\$0.00	0.00	\$0.00	0.00	
			<b>\$0.10</b>	<b>\$0.10</b>	<b>\$1,159.65</b>		<b>\$0.00</b>		<b>\$0.00</b>		

**Totals**







**Total Federal Grant Amount:** \$12,756.15  
**Total Federal Match Amount:** \$0.00  
**Total Non-Federal Amount:** \$3,274.12  
**Total Amount:** \$16,030.27

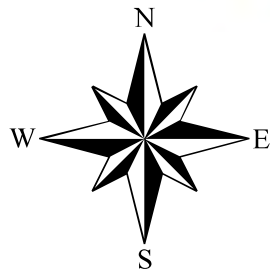




Jarbidge  
Wilderness

# RTP 2022 General Location - Jarbidge Wilderness Recreation Map

-  Proposed Project Location
-  Major Travel Routes
-  BLM Wilderness
-  USFS Wilderness
-  NPS Wilderness
-  County Lines



0 15 30 60 90 120 Miles  
1:3,000,000








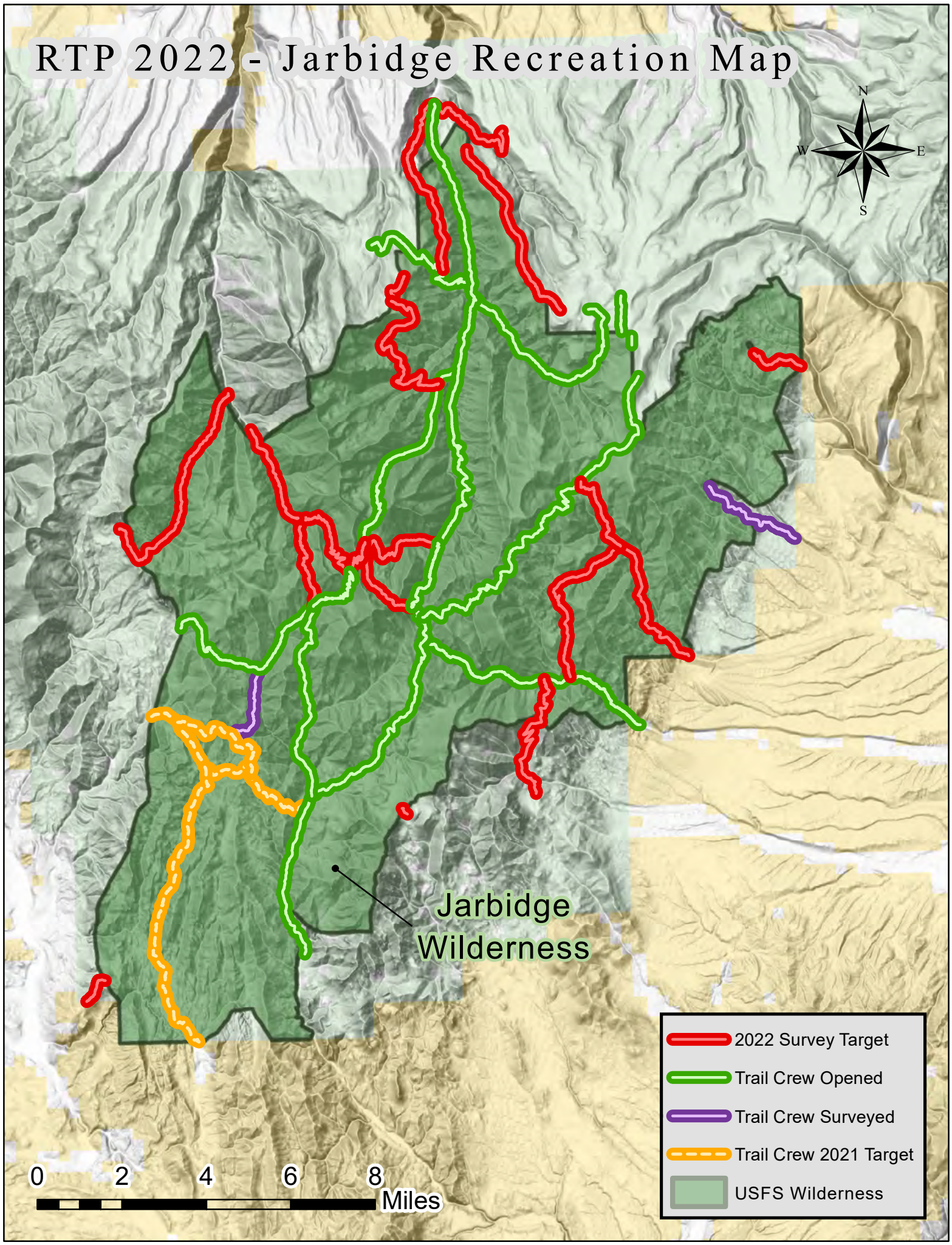
# RTP 2022 - Jarbidge Recreation Map



Jarbidge  
Wilderness



-  2022 Survey Target
-  Trail Crew Opened
-  Trail Crew Surveyed
-  Trail Crew 2021 Target
-  USFS Wilderness





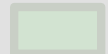




# RTP 2022 - Jarbidge Recreation Map



Jarbidge  
Wilderness

-  2022 Survey Target
-  Trail Crew Opened
-  Trail Crew Surveyed
-  Trail Crew 2021 Target
-  USFS Wilderness

























November 1, 2021

Heather Giger  
Park & Recreation Program Manager  
Department of Conservation and Natural Resources  
Division of State Parks  
901 S. Stewart St., Suite 5005  
Carson City, NV 89701



RE: Letter of Transmittal from Friends of Nevada Wilderness- Jarbidge Recreation Map for 2022 RTP.

Ms. Giger:

Attached is the completed grant application packet from Friends of Nevada Wilderness for the Jarbidge Recreation Map in partnership with the Humboldt-Toiyabe National Forest (HT). The Jarbidge Recreation Map is a non-motorized diverse-use project. This proposal is designed to continue the maps series Friends of Nevada Wilderness has been creating through funding from previous RTP awards. The 60th Anniversary of the Wilderness Act and the designation of Jarbidge Wilderness is in 2024, and this map will help us promote recreation and the celebration of this milestone, and will directly benefit the Humboldt-Toiyabe National Forest in reaching their management goals. With funding from the Great American Outdoors Act the HT plans to reassess, restore, and improve infrastructure in the Jarbidge District. Our aim is to inform management of the Jarbidge Mountains and to engage the public in a safe way with their lands.

Please note, this project will not facilitate motorized activities, as mechanized transport is forbidden in Wilderness. This project is in compliance with all applicable laws and in particular the National Environmental Policy Act (NEPA) and Section 106 of the National Historic Preservation Act (NHPA). The Jarbidge Map work will not have any trail construction component, motorized or non-motorized.

Friends of Nevada Wilderness is committed to providing and updating the Jarbidge Wilderness map as long as the Jarbidge remains Wilderness, and have set up our mapping program to ensure we are able to update and reprint maps as needed to ensure we can continue providing this resource after the grant has closed, and can commit to maintaining this map for at least 25 years.

We look forward to presenting our proposal to the committee in December. Thank you for the opportunity to apply.

Sincerely,

A handwritten signature in black ink that reads "Shaaron Netherton". The signature is written in a cursive style.

Shaaron Netherton  
Executive Director  
Friends of Nevada Wilderness



---

**File Code:** 1810  
**Date:** August 13, 2021

Janice Keillor  
Park and Recreation Program Manager  
Nevada Division of State Parks  
901 S. Stewart St., Suite 5005  
Carson City, NV 89701

Ms. Keillor:

I am writing in support of Friends of Nevada wilderness and their proposal to create a recreation map for the Jarbidge Mountains in northern Nevada. The map will focus on the Jarbidge Wilderness. The creation of a map covering this area and connecting the public to their public land is vital in promoting safe and responsible use.

The proposed project would require field time to ground-truth trails and explore access and infrastructure. Collected data will be used to create an accurate and up-to-date map of the area that will be useful in informing the public. Additionally, this project will help to draw visitors to the area where tourism and outdoor recreation is a large part of the local economy.

The Jarbidge Wilderness Recreation Map will be the sixth map in the Friends of Nevada Wilderness map series. The Recreational Trails Program has funded maps of the Toiyabe Range, Ruby Mountains, and Snake Range.

NEPA analysis is not necessary for this project since there is no proposed ground alterations or disturbance. All on-the-ground aspects of this project will simply be fact finding. The Friends of Nevada Wilderness map program has helped to draw attention and inform safe recreation on our public lands. This project will help to further our management goals for the public use and enjoyment of Nevada public Lands.

Sincerely,

JOSHUA NICHOLAS  
District Ranger

